

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/002137

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01N33/543 C12Q1/68 C12N11/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SIGRIST H ET AL: "SURFACE IMMOBILIZATION OF BIOMOLECULES BY LIGHT"            OPTICAL ENGINEERING, SOC. OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS. BELLINGHAM, US,            vol. 34, no. 8,            1 August 1995 (1995-08-01), pages            2339-2348, XP000518229            ISSN: 0091-3286            the whole document</p> <p>-----</p> <p>-/-</p>	1-16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
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- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

- 'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- '&' document member of the same patent family

Date of the actual completion of the international search

4 May 2005

Date of mailing of the International search report

17/05/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>YASUHIDE NAKAYAMA ET AL: "DESIGN AND PROPERTIES OF PHOTOCURABLE ELECTROCONDUCTIVE POLYMERS FOR USE IN BIOSENSORS"            ASAIO JOURNAL, J.B.LIPPINCOTT CO., HAGERSTOWN, MD, US,            vol. 41, no. 3, 1 July 1995 (1995-07-01),            pages 418-421, XP000542925            ISSN: 1058-2916            abstract            page M419, left-hand column, line 12 -            line 24            page M419, right-hand column, line 16 -            line 20            figure 1</p> <p>-----</p>	1,2,5,8, 9,13,15
X	<p>US 2004/023413 A1 (OPALSKY CINDRA)            5 February 2004 (2004-02-05)            the whole document</p> <p>-----</p>	1-3,5, 8-15
X	<p>GAO H ET AL:            "PHOTOLINKER-POLYMER-MEDIATED IMMOBILIZATION OF MONOCLONAL ANTIBODIES, F(AB')-2 AND F(AB') FRAGMENTS"            BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, ACADEMIC PRESS, US,            vol. 20, no. 2, 1994, pages 251-263,            XP009037548            ISSN: 0885-4513            abstract            page 255, line 31 - line 42            page 256, line 13 - line 30            page 262, line 20 - line 24            figure 1</p> <p>-----</p>	1,2,5, 7-9,12, 13,15,16
X	<p>US 6 346 376 B1 (SIGRIST HANS ET AL)            12 February 2002 (2002-02-12)            column 7, line 25 - line 30            column 9, line 49 - line 64            example 3            figure 2</p> <p>-----</p>	1-3,5-9, 12-16
A	<p>US 6 372 813 B1 (JOHNSON TRAVIS ET AL)            16 April 2002 (2002-04-16)            the whole document</p> <p>-----</p>	1-16
A	<p>US 6 077 698 A (SWAN ET AL)            20 June 2000 (2000-06-20)            the whole document</p> <p>-----</p>	1-16
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	VASILISKOV A V ET AL: "FABRICATION OF MICROARRAY OF GEL-IMMOBILIZED COMPOUNDS ON A CHIP BY COPOLYMERIZATION" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 27, no. 3, September 1999 (1999-09), pages 592,594,596-598,600,60, XP000849476 ISSN: 0736-6205 figure 3 -----	1-16

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2005/002137

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2004023413	A1	05-02-2004	AU WO	2002351164 A1 03046144 A2		10-06-2003 05-06-2003
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